

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)
2. (Withdrawn) The projector according to Claim 3,  
wherein the illumination light scanning device comprising:  
a rotating prism to change a refracting angle of the illumination light by the rotation thereof, thereby scanning the illumination light, and  
the position of the image formed by the image forming device being positioned inside or around the rotating prism.
3. (Currently Amended) A projector, comprising:  
a light source to emit illumination light;  
a color separation optical system to split the illumination light into illumination light with at least two colors;  
a plurality of display elements including a plurality of pixels to modulate the illumination light;  
a color synthesizing optical system to synthesize image light formed by the plurality of display elements;  
a projecting device to project the image light synthesized by the color synthesizing optical system;  
an irradiation optical system to irradiate the illumination light emitted from the light source onto some of the pixels; and  
an illumination light scanning device to scan the illumination light irradiated by the irradiation optical system,

each of the display elements being disposed ~~for each of the colors to~~  
correspond to a single color,

the irradiation optical system including an image forming device to condense the illumination light emitted by the light source to form an image and an image re-forming device to form the image formed by the image forming device on the display elements, and

the illumination light irradiated onto the display elements being irradiated onto the display elements by at least the image forming device and the image re-forming device.

4. (Previously Presented) The projector according to Claim 3,

the illumination light being divided into two or more colored light components after passing through the illumination light scanning device, and

the image re-forming device being arranged in each colored light component and forming the image formed by the image forming device on the display element corresponding to each colored light component.

5. (Withdrawn) The projector according to Claim 3,

the illumination light emitted from the light source being divided into two or more colored light components,

the image re-forming device and the illumination light scanning device being arranged in each colored light component,

the image re-forming device forming the image formed by the image forming device on the display element corresponding to each colored light component, and

the illumination light scanning device scanning the illumination light divided into respective colored light components so that the projected positions of the images formed by the image re-forming device are almost the same when the images of the display elements corresponding to the respective colored light components are projected so as to be overlapped.

6. (Withdrawn) The projector according to Claim 3,  
the illumination light emitted from the light source being divided into two or more colored light components,  
the image re-forming device and the illumination light scanning device being arranged in each colored light component,  
at least one component of the colored light being divided into two or more colored light components after passing through the illumination light scanning means,  
the image re-forming device forming the image formed by the image forming device on the display element corresponding to each colored light component, and  
the illumination light scanning device scanning the illumination light divided into respective colored light components so that the projected positions of the images formed by the image re-forming device are almost the same when the images of the display elements corresponding to the respective colored light components are projected so as to be overlapped.
7. (Previously Presented) The projector according to Claim 4,  
the distances from the light source to the display elements corresponding to the respective colored light components being almost the same for each colored light component.
8. (Withdrawn) The projector according to Claim 5,  
the distances from the light source to the positions of the images of the respective colored light components formed by the image forming device being almost the same for each colored light component.
9. (Withdrawn) The projector according to Claim 5,  
the distances from the positions of the images of the respective colored light components, which are formed by the image forming device, to the display elements

corresponding to the respective colored light components being almost the same for each colored light component.